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NEWS	8	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS	9	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS	10	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	11	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	12	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	13	JUl 07	Coverage of Research Disclosure reinstated in DWPI
NEWS	14	JUl 11	CHEMSAFE reloaded and enhanced

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 06:01:45 ON 14 JUL 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'REGISTRY' ENTERED AT 06:02:43 ON 14 JUL 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUL 2006 HIGHEST RN 892389-74-1
DICTIONARY FILE UPDATES: 12 JUL 2006 HIGHEST RN 892389-74-1

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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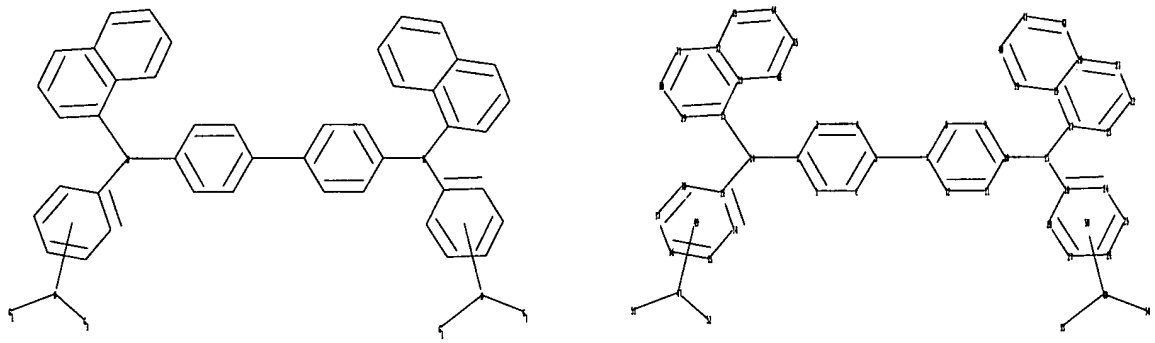
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10532140\Struc 1.str



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ring nodes :
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26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
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2-14 5-7 10-13 13-17 13-18 14-15 14-16 47-51 47-52 48-53 48-54
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 15-29 15-33
16-34 16-38 17-19 17-23 18-24 18-28 19-20 19-39 20-21 20-42 21-22 22-23
24-25 25-26 26-27 27-28 29-30 30-31 31-32 32-33 32-43 33-46 34-35 35-36
36-37 37-38 39-40 40-41 41-42 43-44 44-45 45-46
exact/norm bonds :
2-14 10-13 13-17 13-18 14-15 14-16 47-51 47-52 48-53 48-54
exact bonds :
5-7
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 15-29 15-33
16-34 16-38 17-19 17-23 18-24 18-28 19-20 19-39 20-21 20-42 21-22 22-23
24-25 25-26 26-27 27-28 29-30 30-31 31-32 32-33 32-43 33-46 34-35 35-36
36-37 37-38 39-40 40-41 41-42 43-44 44-45 45-46

10532140.trn

G1:Cb,Cy,Hy

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom
38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom
47:CLASS 48:CLASS 49:Atom 50:Atom 51:CLASS 52:CLASS 53:CLASS 54:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> l1
SAMPLE SEARCH INITIATED 06:03:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 88 TO ITERATE

100.0% PROCESSED 88 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1198 TO 2322
PROJECTED ANSWERS: 4 TO 200

L2 4 SEA SSS SAM L1

=> l1 full
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FULL SCREEN SEARCH COMPLETED - 1765 TO ITERATE

100.0% PROCESSED 1765 ITERATIONS 21 ANSWERS
SEARCH TIME: 00.00.01

L3 21 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 166.94 167.36

FILE 'CAPLUS' ENTERED AT 06:03:11 ON 14 JUL 2006

FILE COVERS 1907 - 14 Jul 2006 VOL 145 ISS 3
FILE LAST UPDATED: 12 Jul 2006 (20060712/ED)

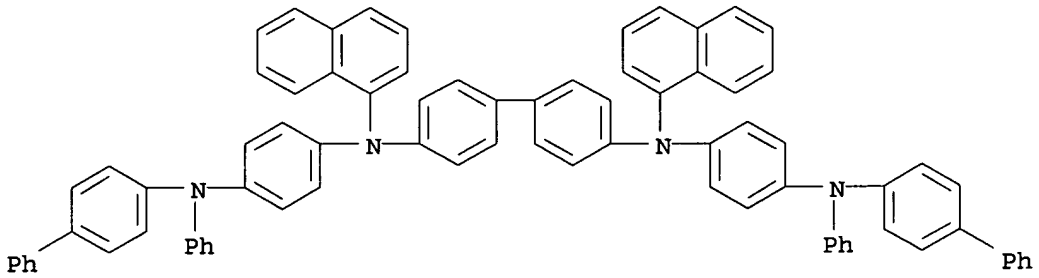
=> l3
L4 4 L3

=> d ibib abs hitstr 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:566608 CAPLUS
DOCUMENT NUMBER: 143:86774
TITLE: Optical recording material using tetraamine derivative
INVENTOR(S): Ishida, Tsutomu; Miyazato, Masataka; Shiozaki, Hiroyuki; Ogiso, Akira
PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 41 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005169781	A2	20050630	JP 2003-411652	20031210
PRIORITY APPLN. INFO.:			JP 2003-411652	20031210

OTHER SOURCE(S): MARPAT 143:86774
AB The material has ≥1 recording layer containing tetraamine derivative The tetraamine derivative may be Ar1Ar2NA1(X1A2)lNAr5A3(X2A4)mNAr6A5(X3A6)nNAr3Ar4 (Ar1-6= aromatic hydrocarbyl which may be substituted with halo, nitro, cyano, alkyl, aryl, metallocenyl, etc.; A1-6 = aromatic hydrocarbylene which may be substituted with halo, nitro, cyano, alkyl, aryl, metallocenyl, etc.; X1-3 = bond, O, S, CO, aliphatic hydrocarbylene; l, m, n = 0, 1). The material shows high sensitivity to blue-violet laser beam, good C/N ratio, and is suited for high d. and high speed recording.
IT 260550-74-1
RL: TEM (Technical or engineered material use); USES (Uses)
(blue-violet laser-sensitive optical recording material using tetraamine derivative)
RN 260550-74-1 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-([1,1'-biphenyl]-4-ylphenylamino)phenyl]-N,N'-di-1-naphthalenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:412911 CAPLUS
DOCUMENT NUMBER: 140:416230
TITLE: Preparation of aromatic amine derivative and organic electroluminescent element employing the same
INVENTOR(S): Kawamura, Hisayuki; Hosokawa, Chishio
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004041774	A1	20040521	WO 2003-JP12977		20031009
W: CN, IN, KR, US					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR					
JP 2004155705	A2	20040603	JP 2002-322545		20021106
EP 1559706	A1	20050803	EP 2003-754057		20031009
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK					
US 2006061265	A1	20060323	US 2005-532140		20050420
PRIORITY APPLN. INFO.:			JP 2002-322545	A	20021106
			WO 2003-JP12977	W	20031009

OTHER SOURCE(S): MARPAT 140:416230
GI

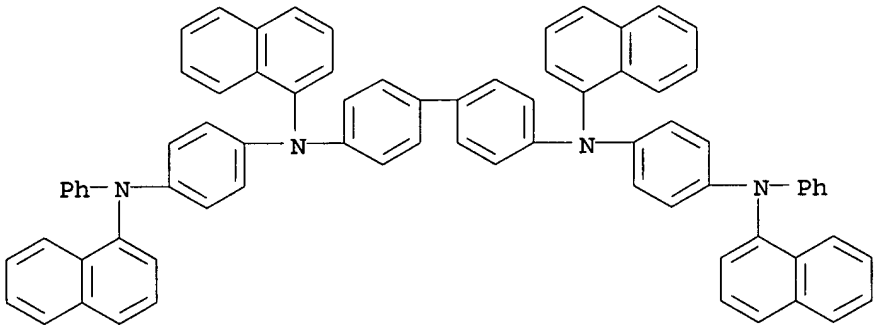
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Disclosed are aromatic amine derivs. represented by the following general formula (I) [Ar1, Ar2 = (un)substituted C10-50 fused aryl; Ar3-Ar6 = (un)substituted C6-50 aryl; Ar7-Ar10 = (un)substituted C6-50 arylene; or the substituents of Ar7 and Ar8 forma a ring; L = a single bond, an ether bond, a thioether bond, each (un)substituted C6-50 arylene, C5-50 heteroarylene, C1-50 alkylene, or C2-50 alkylidene; provided that at least one of Ar3-Ar6 is (un)substituted C10-50 fused aryl and at least one of Ar1 and Ar2 is (un)substituted C12-50 aryl] and an organic electroluminescent element which has at least one thin organic layer containing either the aromatic amine derivative I alone or a mixture of the derivative I. The aromatic amines I are

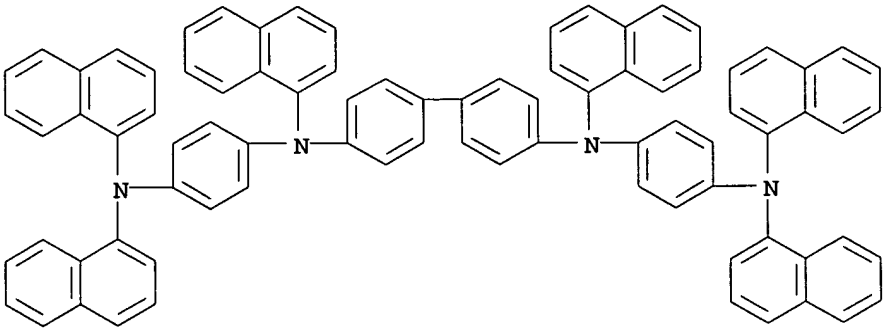
used as hole-injecting materials for a luminescent zone or hole-transport zone of an organic electroluminescent element. The element has a high luminescent efficiency even at a low voltage and excellent high temperature stability and retains a long life and is capable of emitting blue light even at high temps. Thus, N,N'-bis(naphth-1-yl)-4,4'-benzidine 10, N-(4-bromophenyl)-N-phenyl-1-naphthylamine 21, sodium tert-butoxide 6, and bis(triphenylphosphine)palladium chloride 1 g were added to 500 mL xylene and heated at 130° for 24 h to give N,N'-bis[4-[N-(1-naphthyl)phenylamino]phenyl]-N,N'-bis(naphth-1-yl)-4,4'-benzidine (II). An organic electroluminescent element with a hole-injection layer (60 nm) formed by vapor-deposition of II on a ITO transparent electrode-fabricated glass substrate emitted blue light at 4.5 V and 130° for 100 h with luminescent efficiency of 10.2 cd/A and half life of 4,300 h.

IT 690658-70-9P 690658-71-0P 690658-72-1P
690658-73-2P 690658-74-3P 690658-75-4P
690658-76-5P 690658-77-6P 690658-78-7P
690658-88-9P 690658-89-0P 690658-90-3P
690658-91-4P 690658-92-5P 690658-93-6P
690658-94-7P 690658-95-8P 690658-96-9P
690658-97-0P
RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of aromatic amine derivs. as hole-injecting material for blue light-emitting organic electroluminescent elements)

RN 690658-70-9 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(1-naphthalenylphenylamino)phenyl]- (9CI) (CA INDEX NAME)

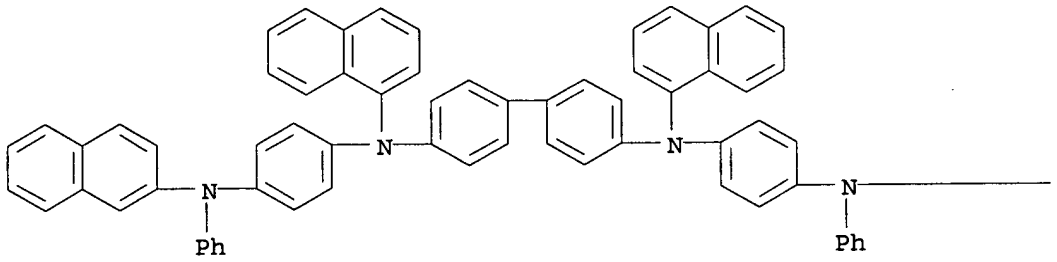


RN 690658-71-0 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(di-1-naphthalenylamino)phenyl]-N,N'-di-1-naphthalenyl- (9CI) (CA INDEX NAME)



RN 690658-72-1 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(2-naphthalenylphenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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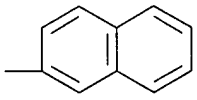
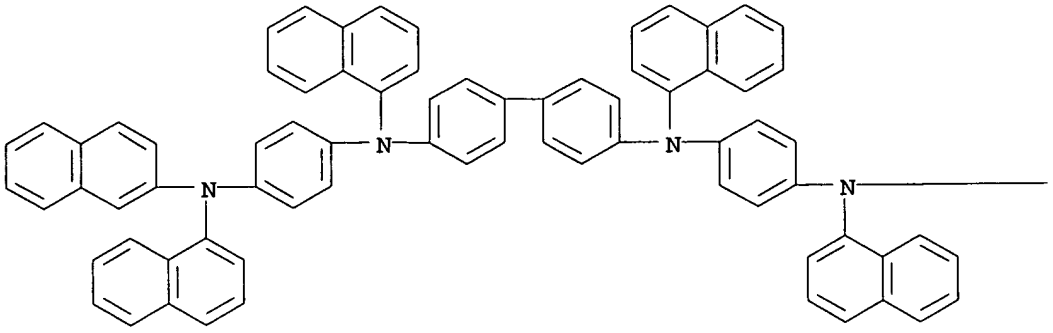


RN 690658-73-2 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(1-naphthalenyl-2-naphthalenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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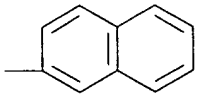
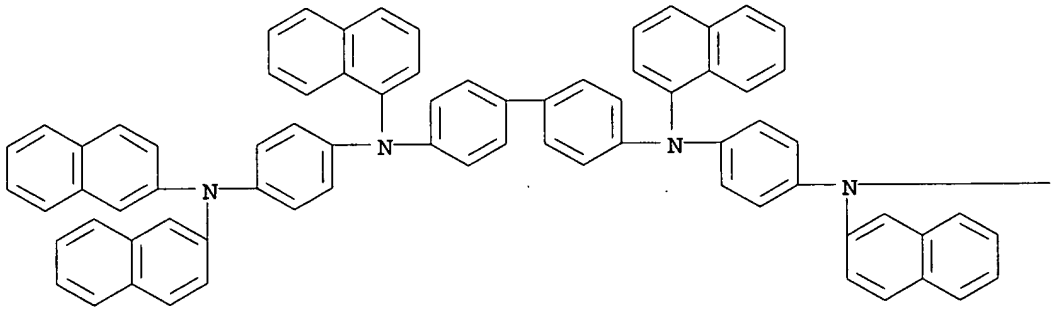


RN 690658-74-3 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(di-2-naphthalenylamino)phenyl]-N,N'-di-1-naphthalenyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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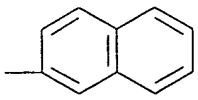
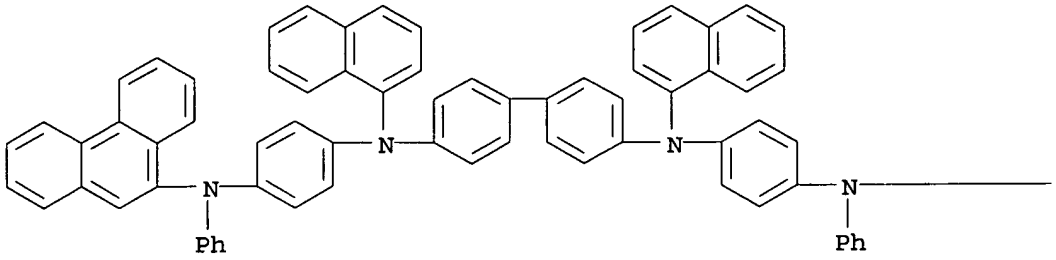


RN 690658-75-4 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(9-phenanthrenylphenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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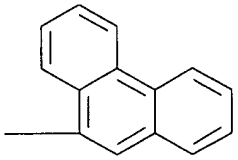
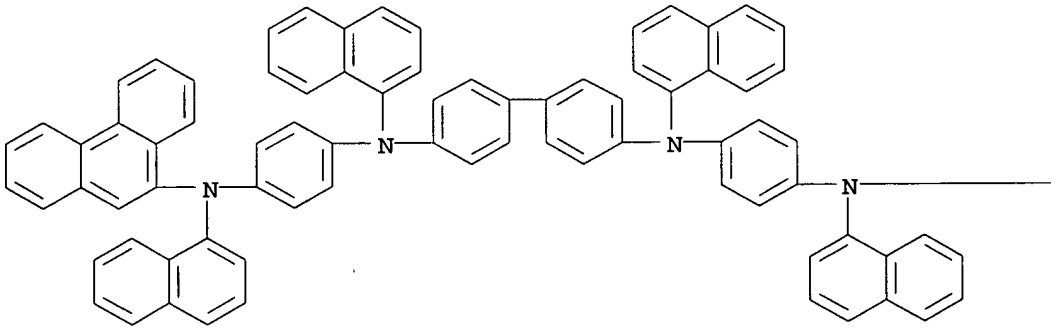


RN 690658-76-5 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(1-naphthalenyl-9-phenanthrenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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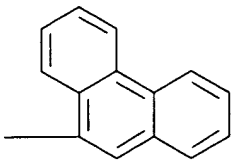
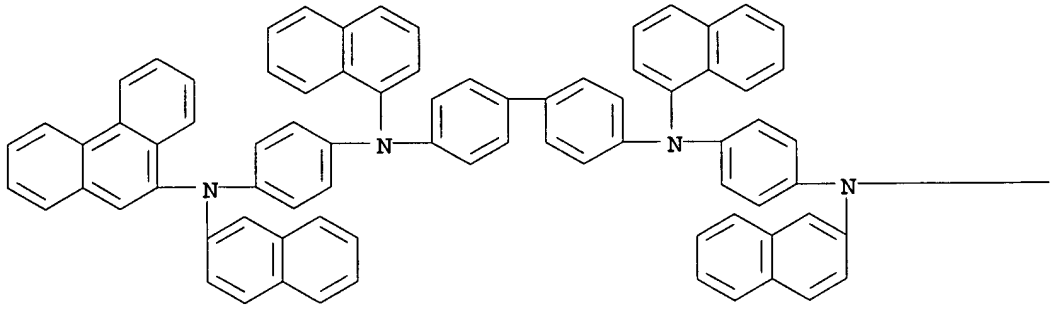


RN 690658-77-6 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-1-naphthalenyl-N,N'-bis[4-(2-naphthalenyl-9-phenanthrenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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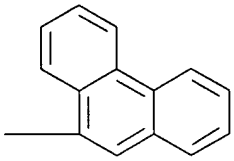
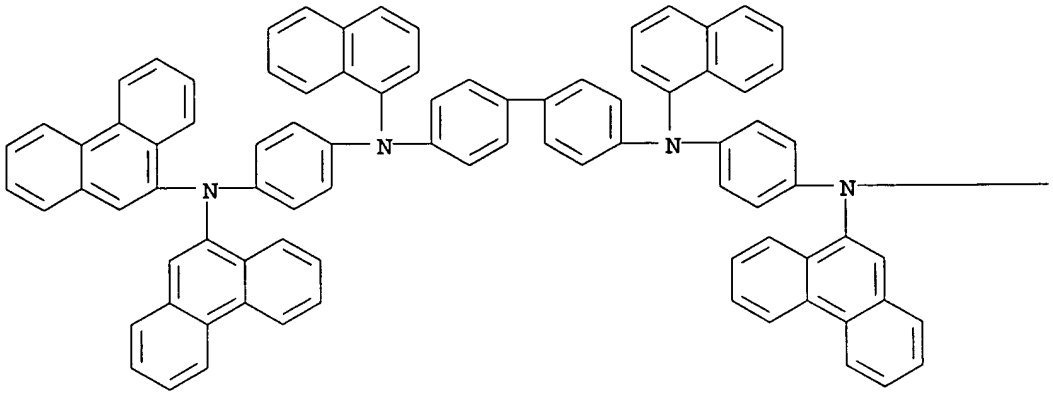


RN 690658-78-7 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(di-9-phenanthrenylamino)phenyl]-N,N'-di-1-naphthalenyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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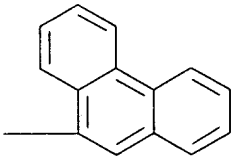
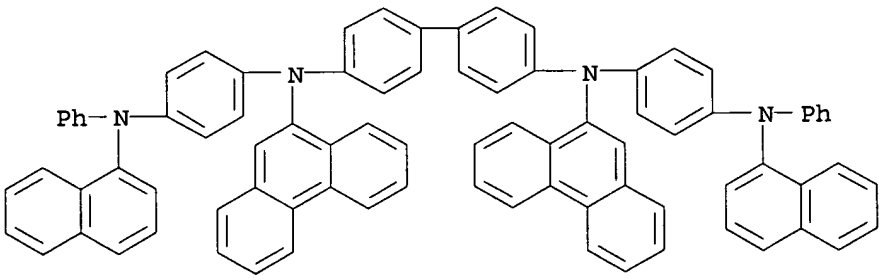


RN 690658-88-9 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(1-naphthalenylphenylamino)phenyl]-N,N'-di-9-phenanthrenyl- (9CI) (CA INDEX NAME)



RN 690658-89-0 CAPLUS
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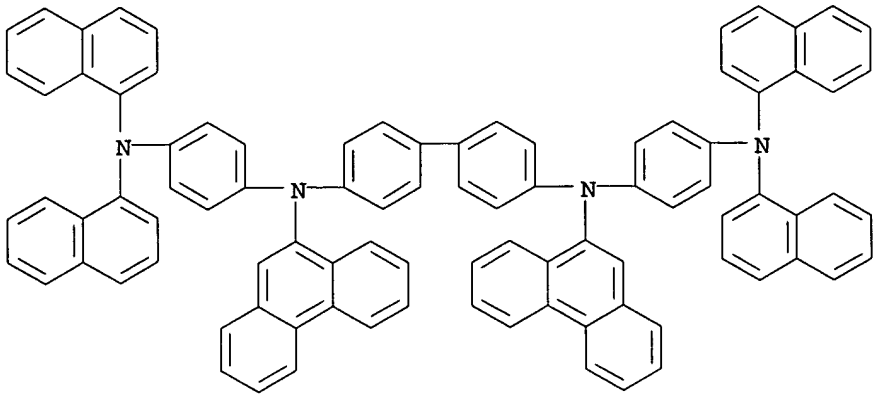

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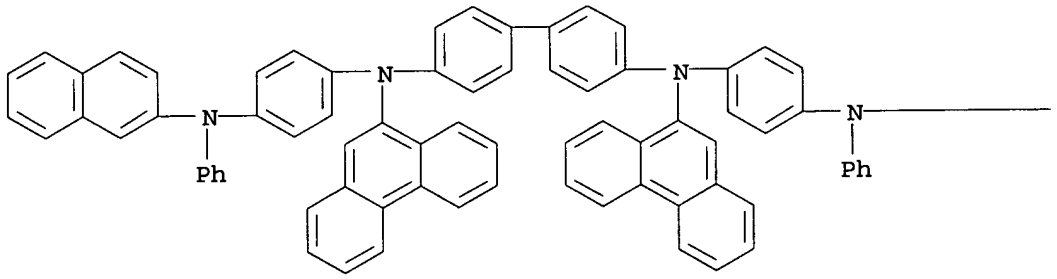

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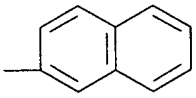

RN 690658-91-4 CAPLUS
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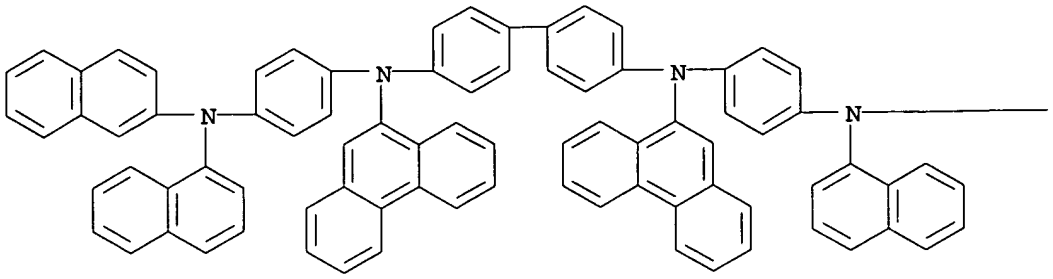
PAGE 1-A



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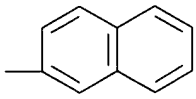
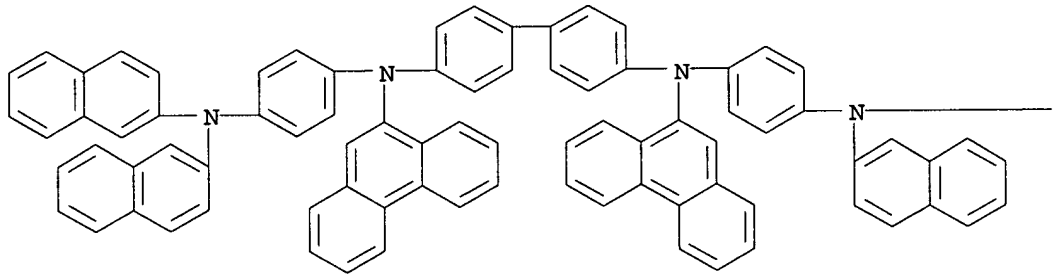


RN 690658-92-5 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(di-2-naphthalenylamino)phenyl]-N,N'-di-9-phenanthrenyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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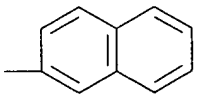
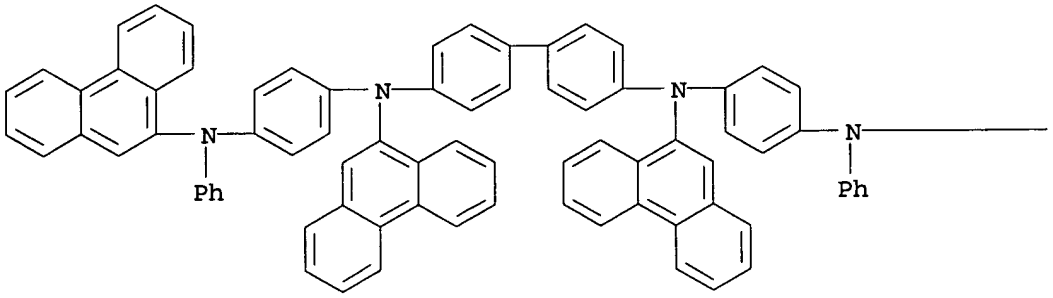


RN 690658-93-6 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-di-9-phenanthrenyl-N,N'-bis[4-(9-phenanthrenylphenylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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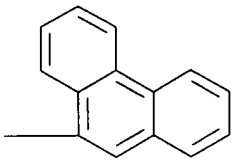
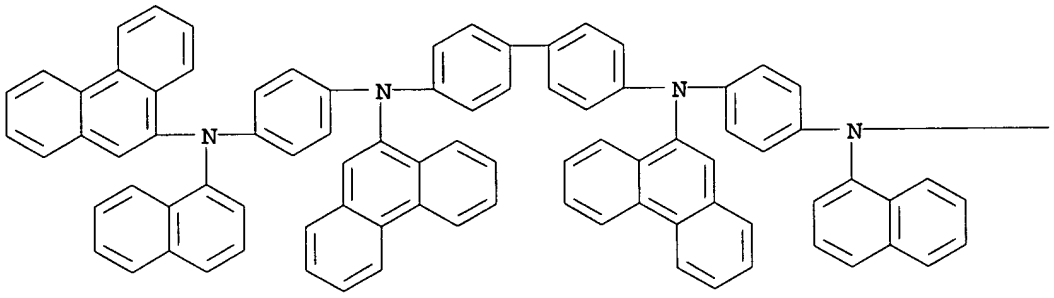
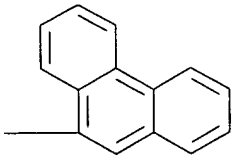


RN 690658-94-7 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(1-naphthalenyl-9-phenanthrenylamino)phenyl]-N,N'-di-9-phenanthrenyl- (9CI) (CA INDEX NAME)

PAGE 1-A

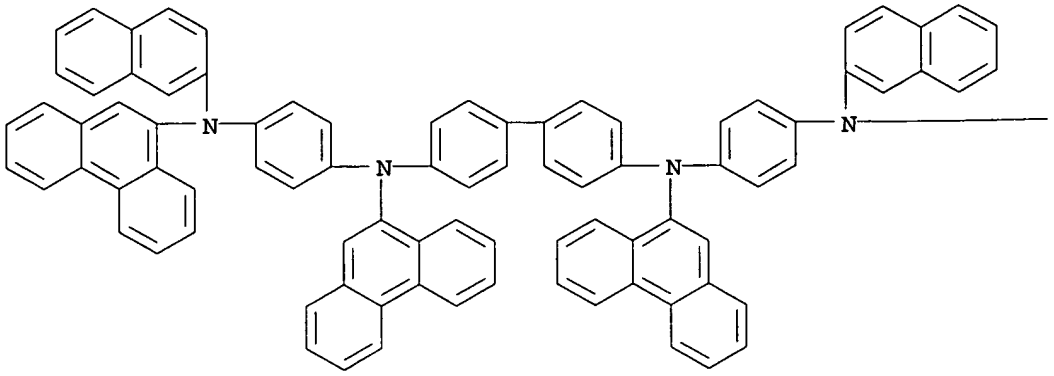


PAGE 1-B



RN 690658-95-8 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(2-naphthalenyl-9-phenanthrenylamino)phenyl]-N,N'-di-9-phenanthrenyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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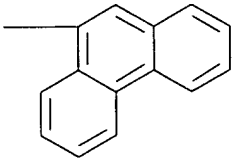
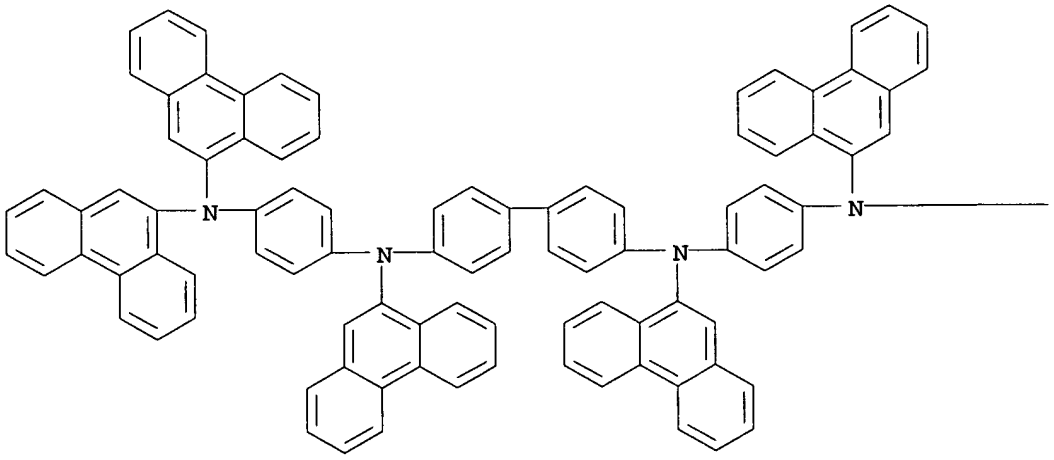


RN 690658-96-9 CAPLUS
CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-(di-9-phenanthrenylamino)phenyl]-N,N'-di-9-phenanthrenyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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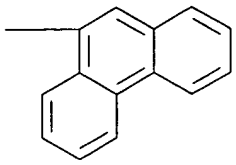

RN 690658-97-0 CAPLUS
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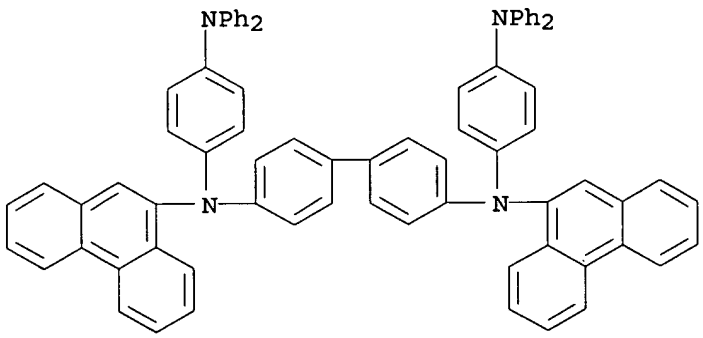


REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:175881 CAPLUS
DOCUMENT NUMBER: 132:214645
TITLE: Organic electroluminescence device and phenylenediamine derivative
INVENTOR(S): Kawamura, Hisayuki; Hosokawa, Chishio
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000014174	A1	20000316	WO 1999-JP4794	19990903
W: CN, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1029909	A1	20000823	EP 1999-940653	19990903
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

	IE, FI				
	CN 1733700	A	20060215	CN 2005-10074019	19990903
	TW 222965	B1	20041101	TW 1999-88115517	19990908
	JP 2000309566	A2	20001107	JP 1999-256280	19990909
	US 6541129	B1	20030401	US 2000-530597	20000509
	US 2003143430	A1	20030731	US 2002-331645	20021231
	US 2006082294	A1	20060420	US 2005-201263	20050811
PRIORITY APPLN. INFO.:				JP 1998-255563	A 19980909
				JP 1999-47110	A 19990224
				JP 1998-25563	A 19980909
				CN 1999-801522	A3 19990903
				WO 1999-JP4794	W 19990903
				US 2000-530597	A3 20000509
				US 2002-331645	B1 20021231

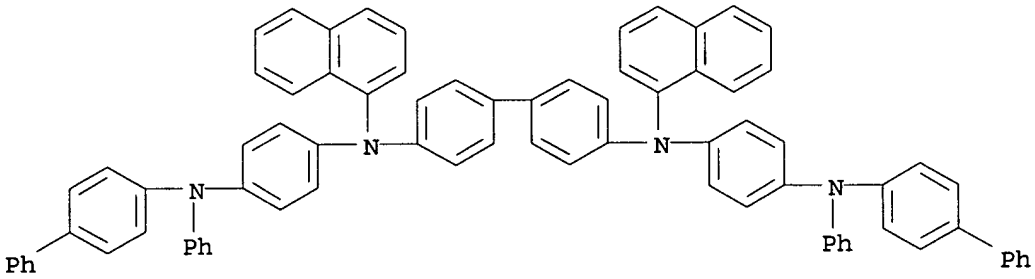
OTHER SOURCE(S): MARPAT 132:214645

AB An organic electroluminescence device having a low driving voltage and a long life and a material having a small ionization potential and providing a large hole mobility are disclosed. The organic electroluminescence device comprises an organic electroluminescent layer containing a charge injection assisting material, and a hole transport region containing a phenylenediamine derivative expressed by a specific structural formula and having a hole mobility of 10-4 cm2/V·s or more, the both layer being sandwiched between a pair of electrodes.

IT 260550-74-1
RL: DEV (Device component use); USES (Uses)
(organic electroluminescence device containing phenylenediamine derivative)

RN 260550-74-1 CAPLUS

CN [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis[4-([1,1'-biphenyl]-4-ylphenylamino)phenyl]-N,N'-di-1-naphthalenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:	1999:260962 CAPLUS
DOCUMENT NUMBER:	130:344892
TITLE:	Organic electroluminescent material containing anthracene derivative and organic electroluminescent device with it
INVENTOR(S):	Tamano, Michiko; Maki, Shinichiro; Onikubo, Shunichi; Okutsu, Satoshi; Enokida, Toshio
PATENT ASSIGNEE(S):	Toyo Ink Mfg. Co., Ltd., Japan
SOURCE:	Jpn. Kokai Tokkyo Koho, 22 pp. CODEN: JKXXAF
DOCUMENT TYPE:	Patent
LANGUAGE:	Japanese
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11111458	A2	19990423	JP 1997-264468	19970929
PRIORITY APPLN. INFO.:			JP 1997-264468	19970929
OTHER SOURCE(S):	MARPAT 130:344892			

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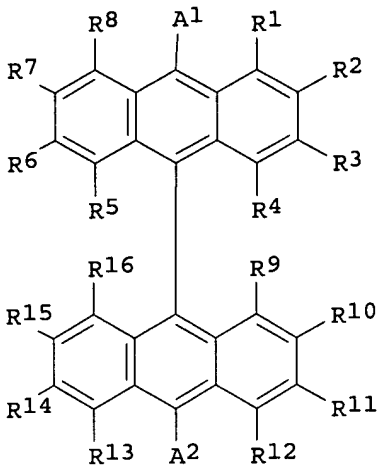


I

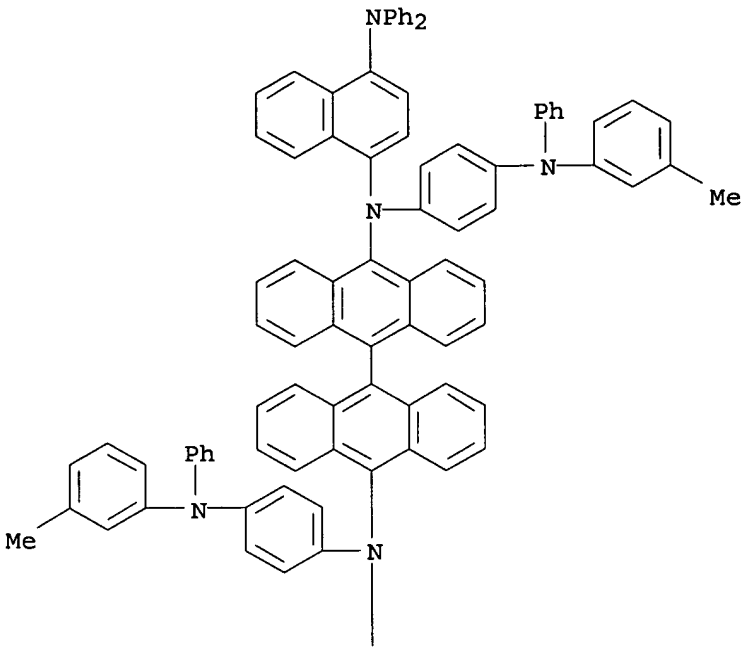
AB The material comprises an anthracene derivative having a formula I (A1, 2 = alkyl, alkoxy, aryloxy, condensed polycyclic, alkylamino, arylamino; R1-16 = H, halogen, cyano, NO2, alkyl, alkoxy, aryloxy, alkylthio, arylthio, cyclic group, NH2; R1-16 may bond to form a ring). The device has a light-emitting layer-containing plural organic compound thin films sandwiched between a pair of electrodes, at least one of the films contains the material. The device shows high luminance with efficiency and long life.

IT 223735-60-2
RL: DEV (Device component use); MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(light-emitting material containing anthracene derivative for electroluminescent device)

RN 223735-60-2 CAPLUS

CN [9,9'-Bianthracene]-10,10'-diamine, N,N'-bis[4-(diphenylamino)-1-naphthalenyl]-N,N'-bis[4-[(3-methylphenyl)phenylamino]phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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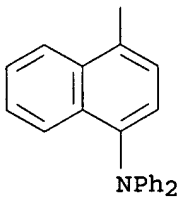

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	21.82	189.18
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.00	-3.00

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:04:45 ON 14 JUL 2006